WATER SUPPLY DIVISION, BANGALORE.

Notification dated 12th April 1940.

Sealed tenders are hereby invited for the purchase from the Department of 13 automatic M.S. Sluice Gates available at Sri Chamarajsagar and Water Works, Thippagondanahalli, Bangalore District, Mysore State, as per specification noted below subject to the following conditions. The gates may be inspected at site on any working day.

(1) Offiers should be made for the whole lot of 13 gates.
(2) The acceptance of the tender rests with Government, who reserves the right to accept any or no tender without assigning any reason whatever.
(3) An earnest money of Rs. 200 should be paid in cash with each tender which in the case of all unsuccessful tenderers will be refunded on application with the receipt granted.
(4) The accepted tenderer should deposit the full amount within a week after acceptance, failing which the depoist will be forfeited to Government.
(5) The accepted tenderer should arrange to remove the materials within a period of one month from the date of intimation of acceptance, failing which, ground rent as may be fixed by the Executive Engineer, Water Supply Division will be charged, and the department will not be responsible for the safety of the materials after auction.
(6) The name of the successful tenderer will be put on the notice board.
(7) Tenders will be received till 3 P.M. on Monday, the 13th May 1940 and should be superscribed as "Tender for purchase of Sluice Gates of Thippagondanahalli."

Specification.

Name of Makers.—Messrs. Ransome & Rapier, Ltd., London.
Number of gates.—Thirteen.
Clear span of each gate.—20'-0".
Effective depth of each gate.—4'-0".

The gates are capable of withstanding an upstream head of 4'-0" above weir level, and are capable of automatic operation when the upstream head of water rises above 4 feet, the operation being such that the gates will be in the fully lowered position when the head upstream is increased by about 6".

The stress in the gate does not exceed 7½ tons per square inch when subjected to the highest expected flood of 6'-0".

Gate.—The gate is built up of mild steel plates and section and consists of a mild steel skin plate suitably stiffened and supported by means of lattice member placed near the top of the gate, and by knife edge pivots at the sill.

Gate Pivots.—The gate pivots are of the knife edge type and fitted in cast iron holders. The knife edges are made of toolsteel and machined to the correct shape and firmly fixed in their respective holders. The bearings which resist the thrust from the knife edges pivots are of cast steel and arranged for fixing to the cast iron.

Outline Specification of the Automatic Gates.

Staunching.—The staunching at the sill is effected by means of a leather strip, the edge of the skin-plate being curved to a radius of about 4½" so as to be in contact with this leather strip. Suitable staunching members of mild steel are provided at the sides of the gate.

Sill.—A cast iron sill is provided, suitably ribbed and arranged for fixing to the weir. The sill is arranged to carry the pivot brackets and the leather strip for staunching. Mild steel staunching faces are provided at each side of the gate and arranged for bolting to the masonry piers.

Operating Rods, etc.—The gates are capable of being suspended at each end by means of mild steel bars attached to the levers fixed to the rolling pivot. The levers consist of mild steel sections and are securely bolted to cast iron rollers. The counterbalance is suspended at each side from the opposite ends of the levers to those from which the gate is suspended.

Rolling Pivot.—The pivot consists of two cast iron quadrants rolling upon fixed pathways securely bolted to the piers. The quadrants are provided with suitable teeth arranged to engage with a cast iron rack on the fixed pathway.

General.—The whole of the materials is of the best quality and to British Standard specifications. The workmanship throughout is of the best character.

The sections provided for the various parts are such as to provide ample factors of safety.

All the wearing surface are of suitable dimensions for the loads to be dealt with.

M. K. NARASIMHA IYER,
Executive Engineer.

KOLAR DIVISION.

Abstract Notification dated 29th March 1940.

The attention of the public is invited to the detailed notification, dated 28th March 1940, published on pages 711-714, Part VI of the *Mysore Gazette*, dated 4th April 1940, *re* tenders for restoring Purahalli Devarkere, unrestored, Major Tank, Register No. 257/681 of Kolar Taluk.

The last date for lodging of tender is 22nd April 1940 up to 2 P.M.

C. R. IYENGAR,
Executive Engineer.